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20 September 2012

Mike Rigby
Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax, VA 22031
RE: EC Durango Pilot

Enclosed are the results of analyses for samples received by the laboratory on 09/05/12 20:30.
If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Debbie Zufelt". The signature is written in a cursive, flowing style.

Debbie Zufelt
Reports Manager



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ECD-1	1209024-01	Water	09/05/12 13:30	09/05/12 20:30
ECD-2	1209024-02	Water	09/05/12 14:20	09/05/12 20:30
ECD-3	1209024-03	Water	09/05/12 15:05	09/05/12 20:30
ECD-4	1209024-04	Water	09/05/12 15:30	09/05/12 20:30
ECD-5	1209024-05	Water	09/05/12 16:25	09/05/12 20:30
ECD-6	1209024-06	Water	09/05/12 16:40	09/05/12 20:30
ECD-7	1209024-07	Water	09/05/12 17:10	09/05/12 20:30
ECD-8	1209024-08	Water	09/05/12 17:30	09/05/12 20:30
ECD-9	1209024-09	Water	09/05/12 17:55	09/05/12 20:30
ECD-R	1209024-10	Water	09/05/12 18:40	09/05/12 20:30

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-1**1209024-01 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Alkalinity, Bicarbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Carbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Total	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Chloride	20.0	10.0	mg/L	1	09/13/12	4500Cl- B		ABP
Sulfate	1300	500	mg/L	50	09/14/12	4500SO4 E		ABP
TSS	1180	2.00	mg/L	1	09/07/12	160.2		ABP

Total Recoverable Metals by ICP

Aluminum	11.2	0.500	mg/L	10	09/14/12	6010B		JLM
Iron	96.9	0.500	mg/L	10	09/14/12	6010B		JLM

Dissolved Metals by ICP

Aluminum	ND	0.500	mg/L	10	09/10/12	200.7		JGS
Calcium	380	10.0	mg/L	10	09/10/12	200.7		JGS
Iron	95.9	0.500	mg/L	10	09/10/12	200.7		JGS
Magnesium	30.3	10.0	mg/L	10	09/10/12	200.7		JGS
Potassium	ND	10.0	mg/L	10	09/10/12	200.7		JGS
Sodium	29.1	10.0	mg/L	10	09/10/12	200.7		JGS

Potentially Dissolved Metals by ICP

Zinc	9.52	0.500	mg/L	10	09/06/12	200.7		JGS
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Total Recoverable Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/20/12	6020A		JGS
Copper	0.211	0.0100	mg/L	100	09/20/12	6020A		JGS
Lead	0.0609	0.0500	mg/L	100	09/20/12	6020A		JGS
Manganese	44.4	0.0500	mg/L	100	09/20/12	6020A		JGS
Zinc	8.95	0.100	mg/L	100	09/20/12	6020A		JGS

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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2820 Dorr Ave, Ste 200
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Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-1**1209024-01 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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Dissolved Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/19/12	200.8		JGS
Copper	ND	0.250	mg/L	100	09/19/12	200.8		JGS
Lead	ND	0.0750	mg/L	100	09/19/12	200.8		JGS
Manganese	44.3	0.0500	mg/L	100	09/19/12	200.8		JGS
Zinc	8.51	0.100	mg/L	100	09/19/12	200.8		JGS

Total Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Dissolved Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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2820 Dorr Ave, Ste 200
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Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-2**1209024-02 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Alkalinity, Bicarbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Carbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Total	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Chloride	ND	10.0	mg/L	1	09/13/12	4500Cl- B		ABP
Sulfate	1600	500	mg/L	50	09/14/12	4500SO4 E		ABP
TSS	480	2.00	mg/L	1	09/07/12	160.2		ABP

Total Recoverable Metals by ICP

Aluminum	4.48	0.500	mg/L	10	09/14/12	6010B		JLM
Iron	96.8	0.500	mg/L	10	09/14/12	6010B		JLM

Dissolved Metals by ICP

Aluminum	1.48	0.500	mg/L	10	09/10/12	200.7		JGS
Calcium	427	10.0	mg/L	10	09/10/12	200.7		JGS
Iron	95.0	0.500	mg/L	10	09/10/12	200.7		JGS
Magnesium	31.0	10.0	mg/L	10	09/10/12	200.7		JGS
Potassium	ND	10.0	mg/L	10	09/10/12	200.7		JGS
Sodium	16.1	10.0	mg/L	10	09/10/12	200.7		JGS

Potentially Dissolved Metals by ICP

Zinc	17.0	0.500	mg/L	10	09/06/12	200.7		JGS
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Total Recoverable Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/20/12	6020A		JGS
Copper	4.76	0.0100	mg/L	100	09/20/12	6020A		JGS
Lead	0.123	0.0500	mg/L	100	09/20/12	6020A		JGS
Manganese	46.0	0.0500	mg/L	100	09/20/12	6020A		JGS
Zinc	15.3	0.100	mg/L	100	09/20/12	6020A		JGS

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Debbie Zufelt, Reports Manager

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Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-2**1209024-02 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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Dissolved Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/19/12	200.8		JGS
Copper	4.61	0.250	mg/L	100	09/19/12	200.8		JGS
Lead	0.106	0.0750	mg/L	100	09/19/12	200.8		JGS
Manganese	46.6	0.0500	mg/L	100	09/19/12	200.8		JGS
Zinc	14.2	0.100	mg/L	100	09/19/12	200.8		JGS

Total Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Dissolved Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-3**1209024-03 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Alkalinity, Bicarbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Carbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Total	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Chloride	ND	10.0	mg/L	1	09/13/12	4500Cl- B		ABP
Sulfate	1700	500	mg/L	50	09/14/12	4500SO4 E		ABP
TSS	200	2.00	mg/L	1	09/07/12	160.2		ABP

Total Recoverable Metals by ICP

Aluminum	7.69	0.500	mg/L	10	09/14/12	6010B		JLM
Iron	122	0.500	mg/L	10	09/14/12	6010B		JLM

Dissolved Metals by ICP

Aluminum	3.01	0.500	mg/L	10	09/10/12	200.7		JGS
Calcium	442	10.0	mg/L	10	09/10/12	200.7		JGS
Iron	114	0.500	mg/L	10	09/10/12	200.7		JGS
Magnesium	31.7	10.0	mg/L	10	09/10/12	200.7		JGS
Potassium	ND	10.0	mg/L	10	09/10/12	200.7		JGS
Sodium	14.6	10.0	mg/L	10	09/10/12	200.7		JGS

Potentially Dissolved Metals by ICP

Zinc	19.8	0.500	mg/L	10	09/06/12	200.7		JGS
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Total Recoverable Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/20/12	6020A		JGS
Copper	5.37	0.0100	mg/L	100	09/20/12	6020A		JGS
Lead	0.116	0.0500	mg/L	100	09/20/12	6020A		JGS
Manganese	46.1	0.0500	mg/L	100	09/20/12	6020A		JGS
Zinc	17.6	0.100	mg/L	100	09/20/12	6020A		JGS

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Debbie Zufelt, Reports Manager

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-3**1209024-03 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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Dissolved Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/19/12	200.8		JGS
Copper	4.80	0.250	mg/L	100	09/19/12	200.8		JGS
Lead	0.0930	0.0750	mg/L	100	09/19/12	200.8		JGS
Manganese	46.9	0.0500	mg/L	100	09/19/12	200.8		JGS
Zinc	15.6	0.100	mg/L	100	09/19/12	200.8		JGS

Total Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Dissolved Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-4**1209024-04 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Alkalinity, Bicarbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Carbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Total	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Chloride	ND	10.0	mg/L	1	09/13/12	4500Cl- B		ABP
Sulfate	1650	500	mg/L	50	09/14/12	4500SO4 E		ABP
TSS	760	2.00	mg/L	1	09/07/12	160.2		ABP

Total Recoverable Metals by ICP

Aluminum	10.3	0.500	mg/L	10	09/14/12	6010B		JLM
Iron	73.4	0.500	mg/L	10	09/14/12	6010B		JLM

Dissolved Metals by ICP

Aluminum	9.17	0.500	mg/L	10	09/10/12	200.7		JGS
Calcium	432	10.0	mg/L	10	09/10/12	200.7		JGS
Iron	70.3	0.500	mg/L	10	09/10/12	200.7		JGS
Magnesium	31.9	10.0	mg/L	10	09/10/12	200.7		JGS
Potassium	ND	10.0	mg/L	10	09/10/12	200.7		JGS
Sodium	15.5	10.0	mg/L	10	09/10/12	200.7		JGS

Potentially Dissolved Metals by ICP

Zinc	19.0	0.500	mg/L	10	09/06/12	200.7		JGS
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Total Recoverable Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/20/12	6020A		JGS
Copper	22.8	0.0100	mg/L	100	09/20/12	6020A		JGS
Lead	0.854	0.0500	mg/L	100	09/20/12	6020A		JGS
Manganese	45.9	0.0500	mg/L	100	09/20/12	6020A		JGS
Zinc	16.3	0.100	mg/L	100	09/20/12	6020A		JGS

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Debbie Zufelt, Reports Manager

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2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-4**1209024-04 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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Dissolved Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/19/12	200.8		JGS
Copper	21.5	0.250	mg/L	100	09/19/12	200.8		JGS
Lead	0.849	0.0750	mg/L	100	09/19/12	200.8		JGS
Manganese	46.3	0.0500	mg/L	100	09/19/12	200.8		JGS
Zinc	15.3	0.100	mg/L	100	09/19/12	200.8		JGS

Total Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Dissolved Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-5**1209024-05 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Alkalinity, Bicarbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Carbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Total	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Chloride	ND	10.0	mg/L	1	09/13/12	4500Cl- B		ABP
Sulfate	1750	500	mg/L	50	09/14/12	4500SO4 E		ABP
TSS	90.0	2.00	mg/L	1	09/07/12	160.2		ABP

Total Recoverable Metals by ICP

Aluminum	13.9	0.500	mg/L	10	09/14/12	6010B		JLM
Iron	113	0.500	mg/L	10	09/14/12	6010B		JLM

Dissolved Metals by ICP

Aluminum	11.5	0.500	mg/L	10	09/10/12	200.7		JGS
Calcium	444	10.0	mg/L	10	09/10/12	200.7		JGS
Iron	103	0.500	mg/L	10	09/10/12	200.7		JGS
Magnesium	32.7	10.0	mg/L	10	09/10/12	200.7		JGS
Potassium	ND	10.0	mg/L	10	09/10/12	200.7		JGS
Sodium	11.4	10.0	mg/L	10	09/10/12	200.7		JGS

Potentially Dissolved Metals by ICP

Zinc	19.8	0.500	mg/L	10	09/06/12	200.7		JGS
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Total Recoverable Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/20/12	6020A		JGS
Copper	8.28	0.0100	mg/L	100	09/20/12	6020A		JGS
Lead	0.275	0.0500	mg/L	100	09/20/12	6020A		JGS
Manganese	46.9	0.0500	mg/L	100	09/20/12	6020A		JGS
Zinc	17.0	0.100	mg/L	100	09/20/12	6020A		JGS

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Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-5**1209024-05 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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Dissolved Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/19/12	200.8		JGS
Copper	8.44	0.250	mg/L	100	09/19/12	200.8		JGS
Lead	0.260	0.0750	mg/L	100	09/19/12	200.8		JGS
Manganese	46.9	0.0500	mg/L	100	09/19/12	200.8		JGS
Zinc	15.8	0.100	mg/L	100	09/19/12	200.8		JGS

Total Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Dissolved Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-6**1209024-06 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Alkalinity, Bicarbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Carbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Total	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Chloride	ND	10.0	mg/L	1	09/13/12	4500Cl- B		ABP
Sulfate	1700	500	mg/L	50	09/14/12	4500SO4 E		ABP
TSS	480	2.00	mg/L	1	09/07/12	160.2		ABP

Total Recoverable Metals by ICP

Aluminum	29.0	0.500	mg/L	10	09/14/12	6010B		JLM
Iron	58.0	0.500	mg/L	10	09/14/12	6010B		JLM

Dissolved Metals by ICP

Aluminum	28.1	0.500	mg/L	10	09/10/12	200.7		JGS
Calcium	418	10.0	mg/L	10	09/10/12	200.7		JGS
Iron	55.7	0.500	mg/L	10	09/10/12	200.7		JGS
Magnesium	32.3	10.0	mg/L	10	09/10/12	200.7		JGS
Potassium	ND	10.0	mg/L	10	09/10/12	200.7		JGS
Sodium	ND	10.0	mg/L	10	09/10/12	200.7		JGS

Potentially Dissolved Metals by ICP

Zinc	19.9	0.500	mg/L	10	09/06/12	200.7		JGS
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Total Recoverable Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/20/12	6020A		JGS
Copper	14.3	0.0100	mg/L	100	09/20/12	6020A		JGS
Lead	0.771	0.0500	mg/L	100	09/20/12	6020A		JGS
Manganese	47.3	0.0500	mg/L	100	09/20/12	6020A		JGS
Zinc	17.1	0.100	mg/L	100	09/20/12	6020A		JGS

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-6**1209024-06 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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Dissolved Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/19/12	200.8		JGS
Copper	13.4	0.250	mg/L	100	09/19/12	200.8		JGS
Lead	0.749	0.0750	mg/L	100	09/19/12	200.8		JGS
Manganese	45.6	0.0500	mg/L	100	09/19/12	200.8		JGS
Zinc	16.2	0.100	mg/L	100	09/19/12	200.8		JGS

Total Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Dissolved Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-7**1209024-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Alkalinity, Bicarbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Carbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Total	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Chloride	ND	10.0	mg/L	1	09/13/12	4500Cl- B		ABP
Sulfate	1750	500	mg/L	50	09/14/12	4500SO4 E		ABP
TSS	450	2.00	mg/L	1	09/07/12	160.2		ABP

Total Recoverable Metals by ICP

Aluminum	39.8	0.500	mg/L	10	09/14/12	6010B		JLM
Iron	75.3	0.500	mg/L	10	09/14/12	6010B		JLM

Dissolved Metals by ICP

Aluminum	35.1	0.500	mg/L	10	09/10/12	200.7		JGS
Calcium	393	10.0	mg/L	10	09/10/12	200.7		JGS
Iron	65.1	0.500	mg/L	10	09/10/12	200.7		JGS
Magnesium	30.9	10.0	mg/L	10	09/10/12	200.7		JGS
Potassium	ND	10.0	mg/L	10	09/10/12	200.7		JGS
Sodium	ND	10.0	mg/L	10	09/10/12	200.7		JGS

Potentially Dissolved Metals by ICP

Zinc	20.1	0.500	mg/L	10	09/06/12	200.7		JGS
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Total Recoverable Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/20/12	6020A		JGS
Copper	10.3	0.0100	mg/L	100	09/20/12	6020A		JGS
Lead	0.826	0.0500	mg/L	100	09/20/12	6020A		JGS
Manganese	48.0	0.0500	mg/L	100	09/20/12	6020A		JGS
Zinc	17.0	0.100	mg/L	100	09/20/12	6020A		JGS

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-7**1209024-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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Dissolved Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/19/12	200.8		JGS
Copper	9.54	0.250	mg/L	100	09/19/12	200.8		JGS
Lead	0.710	0.0750	mg/L	100	09/19/12	200.8		JGS
Manganese	47.2	0.0500	mg/L	100	09/19/12	200.8		JGS
Zinc	16.3	0.100	mg/L	100	09/19/12	200.8		JGS

Total Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Dissolved Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-8**1209024-08 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Alkalinity, Bicarbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Carbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Total	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Chloride	ND	10.0	mg/L	1	09/13/12	4500Cl- B		ABP
Sulfate	1650	500	mg/L	50	09/14/12	4500SO4 E		ABP
TSS	640	2.00	mg/L	1	09/07/12	160.2		ABP

Total Recoverable Metals by ICP

Aluminum	55.6	0.500	mg/L	10	09/14/12	6010B		JLM
Iron	47.8	0.500	mg/L	10	09/14/12	6010B		JLM

Dissolved Metals by ICP

Aluminum	45.4	0.500	mg/L	10	09/10/12	200.7		JGS
Calcium	375	10.0	mg/L	10	09/10/12	200.7		JGS
Iron	37.7	0.500	mg/L	10	09/10/12	200.7		JGS
Magnesium	31.2	10.0	mg/L	10	09/10/12	200.7		JGS
Potassium	ND	10.0	mg/L	10	09/10/12	200.7		JGS
Sodium	ND	10.0	mg/L	10	09/10/12	200.7		JGS

Potentially Dissolved Metals by ICP

Zinc	20.1	0.500	mg/L	10	09/06/12	200.7		JGS
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Total Recoverable Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/20/12	6020A		JGS
Copper	10.0	0.0100	mg/L	100	09/20/12	6020A		JGS
Lead	0.884	0.0500	mg/L	100	09/20/12	6020A		JGS
Manganese	45.3	0.0500	mg/L	100	09/20/12	6020A		JGS
Zinc	16.6	0.100	mg/L	100	09/20/12	6020A		JGS

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Debbie Zufelt, Reports Manager

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-8**1209024-08 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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Dissolved Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/19/12	200.8		JGS
Copper	9.98	0.250	mg/L	100	09/19/12	200.8		JGS
Lead	0.885	0.0750	mg/L	100	09/19/12	200.8		JGS
Manganese	46.4	0.0500	mg/L	100	09/19/12	200.8		JGS
Zinc	16.0	0.100	mg/L	100	09/19/12	200.8		JGS

Total Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Dissolved Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-9**1209024-09 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Alkalinity, Bicarbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Carbonate	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Hydroxide	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Alkalinity, Total	ND	10.0	mg/L	1	09/12/12	2320 B		ABP
Chloride	ND	10.0	mg/L	1	09/13/12	4500Cl- B		ABP
Sulfate	1600	500	mg/L	50	09/14/12	4500SO4 E		ABP
TSS	950	2.00	mg/L	1	09/07/12	160.2		ABP

Total Recoverable Metals by ICP

Aluminum	54.2	0.500	mg/L	10	09/14/12	6010B		JLM
Iron	47.0	0.500	mg/L	10	09/14/12	6010B		JLM

Dissolved Metals by ICP

Aluminum	74.5	0.500	mg/L	10	09/10/12	200.7		JGS
Calcium	326	10.0	mg/L	10	09/10/12	200.7		JGS
Iron	7.86	0.500	mg/L	10	09/10/12	200.7		JGS
Magnesium	30.7	10.0	mg/L	10	09/10/12	200.7		JGS
Potassium	ND	10.0	mg/L	10	09/10/12	200.7		JGS
Sodium	ND	10.0	mg/L	10	09/10/12	200.7		JGS

Potentially Dissolved Metals by ICP

Zinc	19.8	0.500	mg/L	10	09/06/12	200.7		JGS
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Total Recoverable Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/20/12	6020A		JGS
Copper	10.4	0.0100	mg/L	100	09/20/12	6020A		JGS
Lead	1.09	0.0500	mg/L	100	09/20/12	6020A		JGS
Manganese	45.1	0.0500	mg/L	100	09/20/12	6020A		JGS
Zinc	16.6	0.100	mg/L	100	09/20/12	6020A		JGS

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Debbie Zufelt, Reports Manager

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-9**1209024-09 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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Dissolved Metals by ICPMS

Cadmium	ND	0.0100	mg/L	100	09/19/12	200.8		JGS
Copper	9.70	0.250	mg/L	100	09/19/12	200.8		JGS
Lead	1.09	0.0750	mg/L	100	09/19/12	200.8		JGS
Manganese	47.0	0.0500	mg/L	100	09/19/12	200.8		JGS
Zinc	16.0	0.100	mg/L	100	09/19/12	200.8		JGS

Total Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Dissolved Mercury by CVAA

Mercury	ND	0.0002	mg/L	1	09/11/12	245.1		JGS
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Debbie Zufelt, Reports Manager

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

ECD-R

1209024-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes	Analyst
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Potentially Dissolved Metals by ICP

Zinc	21.3	0.500	mg/L	10	09/06/12	200.7		JGS
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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B209080 - General Prep - Wet Chem

Blank (B209080-BLK1)

Prepared & Analyzed: 09/07/12

TSS	ND	2.00	mg/L
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Reference (B209080-SRM1)

Prepared & Analyzed: 09/07/12

TSS	152	2.00	mg/L	151	101	85-115
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Batch B209096 - General Prep - Wet Chem

Blank (B209096-BLK1)

Prepared & Analyzed: 09/12/12

Alkalinity, Total	ND	10.0	mg/L
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LCS (B209096-BS1)

Prepared & Analyzed: 09/12/12

Alkalinity, Total	97.0	10.0	mg/L	100	97.0	85-115
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LCS Dup (B209096-BSD1)

Prepared & Analyzed: 09/12/12

Alkalinity, Total	96.0	10.0	mg/L	100	96.0	85-115	1.04	20
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Batch B209099 - General Prep - Wet Chem

Blank (B209099-BLK1)

Prepared & Analyzed: 09/13/12

Chloride	ND	10.0	mg/L
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LCS (B209099-BS1)

Prepared & Analyzed: 09/13/12

Chloride	98.0	10.0	mg/L	100	98.0	85-115
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LCS Dup (B209099-BSD1)

Prepared & Analyzed: 09/13/12

Chloride	97.0	10.0	mg/L	100	97.0	85-115	1.03	20
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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B209110 - General Prep - Wet Chem

Blank (B209110-BLK1)

Prepared & Analyzed: 09/14/12

Sulfate	ND	10.0	mg/L
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LCS (B209110-BS1)

Prepared & Analyzed: 09/14/12

Sulfate	53.0	10.0	mg/L	50.0	106	85-115
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LCS Dup (B209110-BSD1)

Prepared & Analyzed: 09/14/12

Sulfate	53.0	10.0	mg/L	50.0	106	85-115	0.00	20
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Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

Total Recoverable Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch B209102 - EPA 3005

Blank (B209102-BLK1)

Prepared & Analyzed: 09/14/12

Aluminum	ND	0.050	mg/L							
Iron	ND	0.050	mg/L							

LCS (B209102-BS1)

Prepared & Analyzed: 09/14/12

Aluminum	3.83	0.050	mg/L	4.00		95.6	85-115			
Iron	3.88	0.050	mg/L	4.00		97.0	85-115			

LCS Dup (B209102-BSD1)

Prepared & Analyzed: 09/14/12

Aluminum	3.78	0.050	mg/L	4.00		94.4	85-115	1.31	20	
Iron	3.84	0.050	mg/L	4.00		96.0	85-115	1.01	20	

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

Dissolved Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B209065 - Dissolved/Potentially Dissolved Metals

Blank (B209065-BLK1)

Prepared & Analyzed: 09/10/12

Aluminum	ND	0.050	mg/L
Calcium	ND	1.00	mg/L
Iron	ND	0.050	mg/L
Magnesium	ND	1.00	mg/L
Potassium	ND	1.00	mg/L
Sodium	ND	1.00	mg/L

LCS (B209065-BS1)

Prepared & Analyzed: 09/10/12

Aluminum	5.23	0.050	mg/L	5.00	105	85-115
Calcium	5.23	1.00	mg/L	5.00	105	85-115
Iron	5.16	0.050	mg/L	5.00	103	85-115
Magnesium	27.9	1.00	mg/L	25.0	112	85-115
Potassium	10.0	1.00	mg/L	10.0	100	85-115
Sodium	8.31	1.00	mg/L	8.10	103	85-115

LCS Dup (B209065-BSD1)

Prepared & Analyzed: 09/10/12

Aluminum	5.26	0.050	mg/L	5.00	105	85-115	0.653	20
Calcium	5.25	1.00	mg/L	5.00	105	85-115	0.272	20
Iron	5.18	0.050	mg/L	5.00	104	85-115	0.324	20
Magnesium	28.1	1.00	mg/L	25.0	112	85-115	0.592	20
Potassium	10.1	1.00	mg/L	10.0	101	85-115	0.711	20
Sodium	8.33	1.00	mg/L	8.10	103	85-115	0.191	20

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

Potentially Dissolved Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B209054 - Dissolved/Potentially Dissolved Metals

Blank (B209054-BLK1)

Prepared & Analyzed: 09/06/12

Zinc	ND	0.050	mg/L
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LCS (B209054-BS1)

Prepared & Analyzed: 09/06/12

Zinc	2.59	0.050	mg/L	2.50	104	85-115
------	------	-------	------	------	-----	--------

LCS Dup (B209054-BSD1)

Prepared & Analyzed: 09/06/12

Zinc	2.56	0.050	mg/L	2.50	102	85-115	1.16	20
------	------	-------	------	------	-----	--------	------	----

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www.GreenAnalytical.com

Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

Total Recoverable Metals by ICPMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B209125 - EPA 3005M

Blank (B209125-BLK1)

Prepared: 09/18/12 Analyzed: 09/20/12

Cadmium	ND	0.0001	mg/L							
Copper	0.0003	0.0001	mg/L							B1
Lead	ND	0.0005	mg/L							
Manganese	ND	0.0005	mg/L							
Zinc	ND	0.0010	mg/L							

LCS (B209125-BS1)

Prepared: 09/18/12 Analyzed: 09/20/12

Cadmium	0.0504	0.0001	mg/L	0.0500	101	85-115			
Copper	0.0549	0.0001	mg/L	0.0500	110	85-115			
Lead	0.0502	0.0005	mg/L	0.0500	100	85-115			
Manganese	0.0523	0.0005	mg/L	0.0500	105	85-115			
Zinc	0.0487	0.0010	mg/L	0.0500	97.4	75-125			

LCS Dup (B209125-BSD1)

Prepared: 09/18/12 Analyzed: 09/20/12

Cadmium	0.0501	0.0001	mg/L	0.0500	100	85-115	0.740	20
Copper	0.0525	0.0001	mg/L	0.0500	105	85-115	4.39	20
Lead	0.0506	0.0005	mg/L	0.0500	101	85-115	0.693	20
Manganese	0.0519	0.0005	mg/L	0.0500	104	85-115	0.624	20
Zinc	0.0509	0.0010	mg/L	0.0500	102	75-125	4.37	20

Green Analytical Laboratories

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www.GreenAnalytical.com

Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

Dissolved Metals by ICPMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B209061 - Dissolved/Potentially Dissolved Metals

Blank (B209061-BLK1)

Prepared: 09/07/12 Analyzed: 09/19/12

Cadmium	ND	0.0001	mg/L							
Copper	0.0021	0.0001	mg/L							B3
Lead	0.0007	0.0005	mg/L							B3
Manganese	ND	0.0005	mg/L							
Zinc	0.0016	0.0010	mg/L							B1

LCS (B209061-BS1)

Prepared: 09/07/12 Analyzed: 09/19/12

Cadmium	0.0508	0.0001	mg/L	0.0500	102	85-115				
Copper	0.0535	0.0001	mg/L	0.0500	107	85-115				
Lead	0.0481	0.0005	mg/L	0.0500	96.2	85-115				
Manganese	0.0537	0.0005	mg/L	0.0500	107	85-115				
Zinc	0.0529	0.0010	mg/L	0.0500	106	85-115				

LCS Dup (B209061-BSD1)

Prepared: 09/07/12 Analyzed: 09/19/12

Cadmium	0.0507	0.0001	mg/L	0.0500	101	85-115	0.0599	20		
Copper	0.0508	0.0001	mg/L	0.0500	102	85-115	5.14	20		
Lead	0.0475	0.0005	mg/L	0.0500	95.1	85-115	1.23	20		
Manganese	0.0501	0.0005	mg/L	0.0500	100	85-115	7.04	20		
Zinc	0.0521	0.0010	mg/L	0.0500	104	85-115	1.54	20		

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

Total Mercury by CVAA - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B209083 - EPA 245.1/7470

Blank (B209083-BLK1)

Prepared & Analyzed: 09/11/12

Mercury	ND	0.0002	mg/L
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LCS (B209083-BS1)

Prepared & Analyzed: 09/11/12

Mercury	0.0019	0.0002	mg/L	0.00200	92.6	85-115
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LCS Dup (B209083-BSD1)

Prepared & Analyzed: 09/11/12

Mercury	0.0018	0.0002	mg/L	0.00200	90.0	85-115	2.74	20
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Green Analytical Laboratories

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www.GreenAnalytical.com

Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

Dissolved Mercury by CVAA - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B209082 - EPA 245.1/7470

Blank (B209082-BLK1)

Prepared & Analyzed: 09/11/12

Mercury	ND	0.0002	mg/L
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LCS (B209082-BS1)

Prepared & Analyzed: 09/11/12

Mercury	0.0019	0.0002	mg/L	0.00200	95.8	85-115
---------	--------	--------	------	---------	------	--------

LCS Dup (B209082-BSD1)

Prepared & Analyzed: 09/11/12

Mercury	0.0018	0.0002	mg/L	0.00200	91.5	85-115	4.54	20
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Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Waste Water Management, Inc.
2820 Dorr Ave, Ste 200
Fairfax VA, 22031

Project: EC Durango Pilot
Project Name / Number: BLM
Project Manager: Mike Rigby

Reported:
09/20/12 14:04

Notes and Definitions

- B3 Target analyte detected in method blank. Reporting limit elevated to account for blank result.
- B1 Target analyte detected in method blank at or above method reporting limit. Sample concentration found to be 10 times above the concentration found in the method blank or less than the reporting limit.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
*Results reported on as received basis unless designated as dry.
- RPD Relative Percent Difference
- LCS Laboratory Control Sample (Blank Spike)

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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CHAIN OF CUSTODY RECORD

Page 1 of 5

Client: WMMI

NOTES:

1) Ensure proper container packaging.

2) Ship samples promptly following collection.

3) Designate Sample Reject Disposition.

PO#

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinseate, 5 = Oil
6 = Waste, 7 = Other (Specify)

FOR GAL USE ONLY

GAL JOB #

1209-024

Contact: NICK JOSTIES

Address: 2820 DORE AVE #200

FAIRFAX, VA 22031

Phone Number: 703-846-0098

Email: Nick.Josties@wmmi.net

Project Name: EC Durango Pilot

Samplers Signature: [Signature]

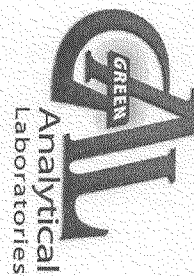
Lab Name: Green Analytical Laboratories

(970) 247-4220 FAX (970) 247-4227

www.greenanalytical.com

Address: 75 Suttle Street, Durango, CO 81303

Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	Preservative(s)					Analyses Required						Comments	
								HNO3	HCL	H2SO4	NAOH	Other (Specify)	Total Suspended Solids	6010B	6020A	245.1 Hg Total	200.7	200.8		245.1 Hg Dissolved
1. ECD-1	9/5/12	13:30	NJ	1	1	N	X						X							
2. ECD-1	9/5/12	13:40	NJ	1	1	N	X						X							
3. ECD-1	9/5/12	13:40	NJ	1	1	Y	X							X						
4. ECD-1	9/5/12	13:40	NJ	1	1	N	X													
5. ECD-2	9/5/12	14:20	NJ	1	1	N	X						X							
6. ECD-2	9/5/12	14:45	NJ	1	1	N	X						X							
7. ECD-2	9/5/12	14:45	NJ	1	1	Y	X							X						
8. ECD-2	9/5/12	14:45	NJ	1	1	N	X													
9.																				
10.																				
Relinquished by:	<u>[Signature]</u>			Date:	9/5/12	Time:	2030	Received by:	<u>[Signature]</u>						Date:	9/5/12	Time:	2030		
Relinquished by:	<u>[Signature]</u>			Date:	9/5/12	Time:		Received by:	<u>[Signature]</u>						Date:	9/5/12	Time:			



Client: WWMI

Contact: Nick Testes

Address: 2820 Dart Ave #2000

Fairfax, VA 22031

Phone Number: 703 846 0698

Email: nick.testes@wwmi.net

CHAIN OF CUSTODY RECORD

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO#

Project Name: ECOTang Pilot

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinseate, 5 = Oil
6 = Waste, 7 = Other (Specify)

FOR GAL USE ONLY

GAL JOB #

1209-024

Page 2 of 5

Lab Name: Green Analytical Laboratories

(970) 247-4220

FAX (970) 247-4227

www.greenanalytical.com

Address: 75 Suttle Street, Durango, CO 81303

Samplers Signature:

Analyses Required

Comments

Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	Preservative(s)					Analyses Required						Comments				
								HNO3	HCL	H2SO4	NAOH	Other (Specify)	Total Suspended Solids	6010B	6020A	245.1 Hg Total	200.7	200.8		245.1 Hg Dissolved	Zinc-Potentially Dissolved		
1. <u>ECD-3</u>	<u>9/5/12</u>	<u>15:05</u>				<u>N</u>	<u>X</u>						<u>X</u>										
2. <u>ECD-3</u>	<u>9/5/12</u>	<u>15:20</u>				<u>N</u>	<u>X</u>						<u>X</u>										
3. <u>ECD-3</u>	<u>9/5/12</u>	<u>15:20</u>				<u>N</u>	<u>X</u>						<u>X</u>										
4. <u>ECD-3</u>	<u>9/5/12</u>	<u>15:20</u>				<u>N</u>	<u>X</u>						<u>X</u>										
5. <u>ECD-4</u>	<u>9/5/12</u>	<u>15:30</u>				<u>N</u>	<u>X</u>						<u>X</u>										
6. <u>ECD-4</u>	<u>9/5/12</u>	<u>16:05</u>				<u>N</u>	<u>X</u>						<u>X</u>										
7. <u>ECD-4</u>	<u>9/5/12</u>	<u>16:05</u>				<u>N</u>	<u>X</u>						<u>X</u>										
8. <u>ECD-4</u>	<u>9/5/12</u>	<u>16:05</u>				<u>N</u>	<u>X</u>						<u>X</u>										
9.																							
10.																							
Reinquished by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>
Reinquished by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by:	<u>[Signature]</u>	Date: <u>9/5/12</u>	Time: <u>2030</u>

* Sample Reject: [] Return [] Dispose [] Store (30 Days)



CHAIN OF CUSTODY RECORD

Page 3 of 5

Client: WMMI

Contact: Nick Jostes

Address: 2820 Dodge Ave #200

FAIRBAX, VA 22031

Phone Number: 703-846-0098

Email: Nick.jostes@wmmi.net

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

Table 1. - Matrix Type
1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinseate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY
GAL JOB #
1209-024

Project Name: EC Dredge Pilot

Samplers Signature: _____

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227

Address: 75 Suttle Street, Durango, CO 81303 www.greenanalytical.com

Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	Preservative(s)				Other (Specify)	Analyses Required						Comments
								HNO3	HCL	H2SO4	NAOH		Total Suspended Solids	6010 B	6020 A	245.1 Hg Total	200.7	200.8	
1. <u>ECD-5</u>	<u>9/5/12</u>	<u>16:25</u>				<u>N</u>	<u>X</u>						<u>X</u>						
2. <u>ECD-5</u>	<u>9/5/12</u>	<u>16:50</u>				<u>N</u>	<u>X</u>						<u>X</u>	<u>X</u>					
3. <u>ECD-5</u>	<u>9/5/12</u>	<u>16:50</u>				<u>Y</u>	<u>X</u>	<u>X</u>						<u>X</u>	<u>X</u>				
4. <u>ECD-5</u>	<u>9/5/12</u>	<u>16:50</u>				<u>N</u>	<u>X</u>	<u>X</u>						<u>X</u>	<u>X</u>				
5. <u>ECD-6</u>	<u>9/5/12</u>	<u>16:40</u>				<u>N</u>	<u>X</u>						<u>X</u>						
6. <u>ECD-6</u>	<u>9/5/12</u>	<u>17:00</u>				<u>N</u>	<u>X</u>	<u>X</u>						<u>X</u>	<u>X</u>				
7. <u>ECD-6</u>	<u>9/5/12</u>	<u>17:00</u>				<u>Y</u>	<u>X</u>	<u>X</u>						<u>X</u>	<u>X</u>				
8. <u>ECD-6</u>	<u>9/5/12</u>	<u>17:00</u>				<u>N</u>	<u>X</u>	<u>X</u>						<u>X</u>	<u>X</u>				
9.																			
10.																			
Reinquished by:	<u>[Signature]</u>																		
Reinquished by:	<u>[Signature]</u>																		
Date:	<u>9/5/12</u>																		
Time:	<u>2030</u>																		
Received by:	<u>[Signature]</u>																		
Date:	<u>9/5/12</u>																		
Time:	<u>2030</u>																		

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

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1) Ensure proper container packaging

2) Ship samples promptly following collection

3) Designate Sample Reject Disposition

Project Name: EC Distance Pilot

Table 1. — Matrix Type

1 = Surface Water, 2 = Ground Water

3 = Soil/Sediment, 4 = Rinsate, 5 = Oil

6 = Waste, 7 = Other (Specify)

FOR GAL USE ONLY

GAL JOB #

1209-024

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Contact: Nick Tostits

Address: 2820 Duff Ave #200

Enlifer, VA 22031

Phone Number: 703 846 0098

Email: m.nock-testies@gmail.com Project Name: ECDFmap Plot

Samplers Signature:

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227

Address: 75 Suttle Street, Durango, CO 81303 www.greenanalytical.com

Analyses Required

Lab Name: Green Analytical Laboratories										(970) 247-4220										FAX (970) 247-4227									
Address: 75 Suttle Street, Durango, CO 81303										www.greenanalytical.com										Analyses Required									
Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	Preservative(s)					Total Suspended Solids	6010B	6010A	245.1 Hg Total	200.7	206.0	245.1 Hg Dissolved	Zinc - Potentially Dissolved	Comments								
								HNO3	HCL	H2SO4	NAOH	Other (Specify)																	
1. ECD-2		17:10				Z	X					X																	
2. ECD-7		17:30				Z		X					X																
3. ECD-7		17:30				Y		X					X																
4. ECD-7		17:30				Z		X								X													
5. ECD-8		17:30				Z	X					X																	
6. ECD-8		17:50				Z		X					X																
7. ECD-8		17:50				Y		X								X													
8. ECD-8		17:50				Z		X																					
9.																													
10.																													
Relinquished by:		Date: 9/5/12		Time: 2030		Received by:		Date: 9/5/12		Time: 2030		Relinquished by:		Date:		Time:													
Relinquished by:		Date:		Time:		Received by:		Date:		Time:		Relinquished by:		Date:		Time:													

* Sample Reject: [] Return [] Dispose [] Store (30 Days)



CHAIN OF CUSTODY RECORD

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NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

Table 1. - Matrix Type
① = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinse, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY
GAL JOB #
1709-024

Client: WMI
Contact: Nick Justices
Address: 2820 Dart Ave #200
Fairfax, VA 22031
Phone Number: 703.846.0098
Email: nick.justices@wmi.net

Project Name: ECD Range Pilot

Samplers Signature: _____

Lab Name: Green Analytical Laboratories		(970) 247-4220 FAX (970) 247-4227		www.greenanalytical.com										
Address: 75 Suttle Street, Durango, CO 81303														
Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	Preservative(s)					Comments	
								HNO3	HCL	H2SO4	NAOH	Other (Specify)		
1. ECD-9		17:55				N	X							
2. ECD-9		18:20				N	X							
3. ECD-9		18:20				N	X							
4. ECD-9		18:20				N	X							
5. ECD-R		18:40	MDR	1	2	N	X							
6.														
7.														
8.														
9.														
10.														
Relinquished by: <u>[Signature]</u>		Date: <u>9/5/12</u>	Time: <u>2030</u>	Received by: <u>[Signature]</u>		Date: <u>9/5/12</u>	Time: <u>2030</u>							
Relinquished by:		Date:	Time:	Received by:		Date:	Time:							

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

Analytical Services Quotation

BLM
Waste Water Management, Inc.
Mike Rigby

Bid Date: 06/11/2012
Bid Expires: 06/11/2013
Prices Expire: 06/11/2013

Matrix	Parameters	Method	#	TAT (days)	Unit Price	Extended Price
Water	Aluminum Total Recoverable by ICP	6010B	1	10	\$10.80	\$10.80
Water	Iron Total Recoverable by ICP	6010B	1	10	\$10.80	\$10.80
Water	Aluminum Dissolved by ICP	200.7	1	10	\$10.80	\$10.80
Water	Iron Dissolved by ICP	200.7	1	10	\$10.80	\$10.80
Water	Cadmium Total Recoverable by ICPMS	6020A	1	10	\$14.40	\$14.40
Water	Copper Total Recoverable by ICPMS	6020A	1	10	\$14.40	\$14.40
Water	Lead Total Recoverable by ICPMS	6020A	1	10	\$14.40	\$14.40
Water	Manganese Total Recoverable by ICPMS	6020A	1	10	\$14.40	\$14.40
Water	Zinc Total Recoverable by ICPMS	6020A	1	10	\$14.40	\$14.40
Water	Cadmium Dissolved by ICPMS	200.8	1	10	\$14.40	\$14.40
Water	Copper Dissolved by ICPMS	200.8	1	10	\$14.40	\$14.40
Water	Lead Dissolved by ICPMS	200.8	1	10	\$14.40	\$14.40
Water	Manganese Dissolved by ICPMS	200.8	1	10	\$14.40	\$14.40
Water	Zinc Dissolved by ICPMS	200.8	1	10	\$14.40	\$14.40
Water	Mercury Total by CVAA	245.1	1	10	\$36.00	\$36.00
Water	Mercury Dissolved by CVAA	245.1	1	10	\$36.00	\$36.00

Item	Description	ItemType	Quantity	Price	Rate	ItemTotal
LineItem	Digest Fee	Standard	1	\$13.50		\$13.50
						\$272.70

Debbie Zufelt
Reports Manager
Green Analytical Laboratories

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